

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike-through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 1, 2, 5 and 9 AND AMEND claims 3, 4, 6, 7, 8 and 10-13 in accordance with the following:

1. (CANCELLED)

2. (CANCELLED)

3. (CURRENTLY AMENDED) An inputting apparatus for use with a pointer on a display screen, comprising:

a tilt-enabled manipulating section comprising a keytop having an opening therein upon which a finger may be placed to manipulate the inputting apparatus and a tubular-shaped holder held to a lower side of said keytop, said manipulating section including a tactile-stimulating device configured to tactile-stimulate said finger when said pointer is in a predetermined position on the display screen;

a signal-producing section configured to produce a signal in response to a tilt of the manipulating section, which signal causes the pointer on the display screen to be moved, said signal-producing section further comprising:

a permanent magnet disposed at a bottom portion of said manipulating section for tilting movement therewith, and

magneto-electric converting elements which detect a change in a magnetic field corresponding to tilting movement of said permanent magnet, wherein the signal produced by said signal-producing section is based on said change in the magnetic field; wherein:

said tactile-stimulating device includes a tactile-stimulating element disposed for movement within said holder between a tactile-stimulating position and a non tactile-stimulating position, and wherein said tactile-stimulating element includes a coil and a projecting member positioned with respect to an upper side of said coil, a portion of said projecting member projecting from said opening

when the tactile-stimulating element is in the tactile-stimulating position; and
delivery of a first drive current to said coil generates a first electromagnetic
force, using the magnetic field formed by said permanent magnet, which
electromagnetic force moves said tactile-stimulating element away from the
permanent magnet.

wherein said manipulating section includes a tactile-stimulating device configured to tactile-stimulate said finger when said pointer is in a predetermined position on the display screen,

4. (CURRENTLY AMENDED) The inputting apparatus as claimed in claim 3,
wherein said signal-producing section includes:
a permanent magnet disposed with respect to said manipulating section for tilting movement therewith; and
magneto-electric converting elements which detect a change in magnetic field corresponding to tilting movement of said permanent magnet, wherein the signal produced by said signal-producing section is based on said change in magnetic field;
wherein said tactile-stimulating device includes:
a tactile-stimulating element moveable between a tactile-stimulating position and a non tactile-stimulating position,
the tactile-stimulating element being positioned with respect to the permanent magnet such that an electromagnetic force is generated using the magnetic field formed by said permanent magnet, which electromagnetic force moves said tactile-stimulating element to the tactile-stimulating position.

5. (CANCEL)

6. (CURRENTLY AMENDED) The inputting apparatus as claimed in claim -53,
wherein delivery of a second drive current in a direction reverse to said first drive current generates a second electromagnetic force directed towards said permanent magnet, which electromagnetic force moves said tactile-stimulating element towards the permanent magnet.

7. (ORIGINAL) An inputting apparatus for use with a pointer on a display screen, comprising:
a tilt-enabled manipulating section comprising a keytop having an opening therein upon
which a finger may be placed to manipulate the inputting apparatus and a tubular-shaped holder

held to a lower side of said keytop, said manipulating section including a tactile-stimulating device configured to tactile-stimulate said finger when said pointer is in a predetermined position on the display screen;

a signal-producing section configured to produce a signal in response to a tilt of the manipulating section, which signal causes the pointer on the display screen to be moved, said signal-producing section further comprising:

a permanent magnet disposed at a bottom portion of said manipulating section for tilting movement therewith, and

magneto-electric converting elements which detect a change in a magnetic field corresponding to tilting movement of said permanent magnet, wherein the signal produced by said signal-producing section is based on said change in the magnetic field; wherein The inputting apparatus as claimed in claim 3,

wherein said manipulating section includes:

a keytop having an opening therein;

a tubular-shaped holder held to a lower side of said keytop;

wherein said signal-producing section includes:

a permanent magnet disposed at a bottom portion of said manipulating section for tilting movement therewith; and

magneto-electric converting elements which detect a change in magnetic field corresponding to tilting movement of said permanent magnet, wherein the signal produced by said signal-producing section is based on said change in magnetic field;

wherein-said tactile-stimulating device includes a tactile-stimulating element for movement within said holder with respect to a top face of said permanent magnet, which tactile-stimulating element includes a coil and a projecting member positioned with respect to an upper side of said coil, a portion of said projecting member projecting from said opening when the tactile-stimulating element is along the top face of said permanent magnet; and

wherein-delivery of a first drive current to said coil generates a first electromagnetic force using the magnetic field formed by said permanent magnet, which electromagnetic force moves said tactile-stimulating element to said top face of said permanent magnet.

8. (CURRENTLY AMENDED) The inputting apparatus as claimed in claim 43, wherein said tactile-stimulating element is a keytop itself.

9. (CANCELLED)
10. (ORIGINAL) A manipulating apparatus which incorporates thereinto the inputting apparatus as claimed in claim 3.
11. (CURRENTLY AMENDED) A manipulating apparatus which incorporates thereinto the inputting apparatus as claimed in claim 43.
12. (CURRENTLY AMENDED) A manipulating apparatus which incorporates thereinto the inputting apparatus as claimed in claim 53.
13. (CURRENTLY AMENDED) A manipulating apparatus which incorporates thereinto the inputting apparatus as claimed in claim 63.
14. (ORIGINAL) A manipulating apparatus which incorporates thereinto the inputting apparatus as claimed in claim 7.
15. (ORIGINAL) A manipulating apparatus which incorporates thereinto the inputting apparatus as claimed in claim 8.